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Date: 3/28/2022 2:05:47 PM
Subject: Arkema Project Area - Geotechnical Lab

Hi Madi,

As I noted in a 10/28 email message last fall, we had been planning to use NW Geotech Laboratory for geotechnical testing. However, they expressed some concerns about testing contaminated samples, so we contracted with HWA Geosciences Inc. (HWA) in Bothell Washington. HWA will be performing the following tests on the geotechnical test pit soil samples per the Arkema PDI work plan:

- Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass, ASTM Method D-2216-10
- Liquid Limit, Plastic Limit, and Plasticity Index of Soils, ASTM Method D-4318-17
- Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis, ASTM Method D-6913-04
- Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation Hydrometer) Analysis, ASTM Method D-7928-16.
- Specific Gravity of Soil Solids by Water Pycnometer, ASTM Method D-854-14

Please let me know if you have any questions or concerns. Thanks!

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